



Docket Number: 061063-0311751

Client Reference: OSP-16220

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of TAKASHI SHIBAYAMA, et al. Group Art Unit: 1722

Application No.: 10/506,534

Examiner: HITESHEW, FELISA CARLA

Filed: September 3, 2004

Confirmation No.: 8933

For: Process For Producing Silicon Single Crystal Layer And Silicon Single Crystal Layer

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

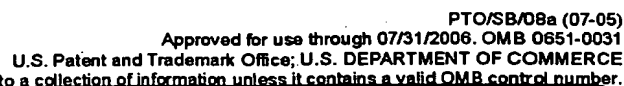
Please charge Deposit Account 033975 in the amount of \$180.00 in payment of the fee under 37 CFR 1.17(p). Please credit or debit Deposit Account 033975 as needed to ensure consideration of the disclosed information.

Relevance of the non-English language references is discussed in the present specification. English-language Abstracts of the non-English language references are attached hereto, and are relied upon for a statement of relevance for those references.

Respectfully Submitted,
PILLSBURY WINTHROP SHAW PITTMAN LLP

Thomas P. Hilliard
Registration Number 40330
Customer Number: 00909

Date: January 22, 2007
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Substitute for form 1449A/PTO

Complete if Known

(Use as many sheets as necessary)

Sheet

1

01

1

Application Number	10/506,534
Filing Date	09/03/2004
First Named Inventor	TAKASHI SHIBAYAMA
Art Unit	1722
Examiner Name	HITESHEW, FELISA CARLA
Attorney Docket Number	061063-0311751

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (# known)				
	1	JP	64-001393	A	01/05/1989	KOSAKA et al.		
	2	JP	11-001393	A	01/06/1999	PARK et al.		
	3	JP	11-135514	A	05/21/1999	KOBAYASHI et al.		
	4	JP	2000-091342	A	03/31/2000	AKIYAMA et al.		

**Examiner
Signature**

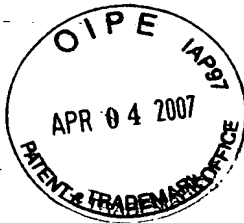
Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket: 061063-0311751
Client Reference: OSP-16220



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. PATENT APPLICATION of:

SHIBAYAMA ET AL.

Confirmation Number: 8933

Application No.: **10/506,534**

Group Art Unit: 1722

Filed: September 3, 2004

Examiner: HITESHEW, F. C.

Title: **PROCESS FOR PRODUCING SILICON SINGLE CRYSTAL LAYER AND
SILICON SINGLE CRYSTAL LAYER**

REQUEST FOR RETURN OF PTO-1449

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

April 4, 2007

Sir:

Applicants would like to thank the Examiner for the Notice of Allowance dated February 1, 2007. However, Applicants filed an Information Disclosure Statement and PTO-1449 form on January 22, 2007. A copy of the filed documents and USPTO stamped receipts of those documents are enclosed.

Applicants respectfully request that the Examiner initial, sign, and return the attached PTO-1449 form to the undersigned.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP

E. RICO HERNANDEZ

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Attachments
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(703) 770-7900
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RECEIPT FROM PTO FOR INDICATED ITEMS

(Do NOT Use for New or Continuing Applications of Any Kind)
 Use 2 postcards for all New Applications (including cont/Div/CIP)
Use this sheet when filing CPA or RCE

Appln. No: 10/506,534	Atty: ThomasP. Hilliard/mev
First Inventor: TAKASHI SHIBAYAMA	Date: January 22, 2007
Title: PROCESS FOR PRODUCING SILICON SINGLE CRYSTAL LAYER AND SILICON SINGLE CRYSTAL LAYER	Attorney Docket No: 061063-0311751

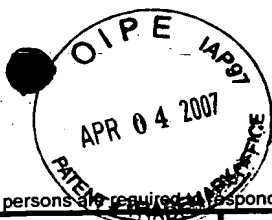
ENCLOSED:

- ☒ IDS Letter
- ☒ PTO-1449
- ☒ Cited Documents
- ☒ Fee Transmittal

\$ 180.00 Total Fee Charged to Deposit Account

CURRENT DUE DATE: January 22, 2007





PTO/SB/17 (01-06)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	10/506,534
Filing Date	September 3, 2004
First Named Inventor	TAKASHI SHIBAYAMA
Examiner Name	HITESHEW, FELISA CARLA
Art Unit	1722
Attorney Docket No.	061063-0311751

METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☒ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 033975 Deposit Account Name: PILLSBURY WINTHROP SHAW PITTMAN LLP
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below ☒ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments
- WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)
Each independent claim over 3 (including Reissues)
Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180
Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

- 20 or HP = x =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

- 100 = / 50 = (round up to a whole number) x 250.00 = 0.00

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): IDS \$180.00

Fees Paid (\$)
180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	40330	Telephone	703.770.7591
Name (Print/Type)	Thomas P. Hilliard	Date	January 22, 2007		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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